AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Currently Amended) An electronic apparatus comprising:

an encoder that encodes source data to generate transmission data;

a wireless communication device that executes communication with an external device via a wireless network, and transmits the transmission data generated by the encoder to the external device;

means for detecting [[a]] the number of devices connected to the wireless communication device via the wireless network;

means for determining a ~~quality with~~ rate at which the source data is to be transmitted, on the basis of the detected number of devices and a type of the source data, wherein when the detected number is greater than a preset value, the rate is determined lower than when the detected number is not greater than the preset value; and

means for controlling the encoder to vary an amount of the generated transmission data on the basis of the determined ~~quality~~ rate of the source data.

2. (Currently Amended) The electronic apparatus according to claim 1, wherein the controlling means includes means for setting in the encoder a value of sampling

frequency, which is to be used in the encoding of the source data, in accordance with the determined ~~quality~~ rate of the source data.

3. (Currently Amended) The electronic apparatus according to claim 1, wherein the controlling means includes means for setting in the encoder a kind of an encoding scheme, which is to be used in the encoding of the source data, in accordance with the determined ~~quality~~ rate of the source data.

4 (Currently Amended) The electronic apparatus according to claim 1, wherein the controlling means includes means for setting in the encoder a kind of an encoding scheme, which is to be used in the encoding of the source data, and a value of sampling frequency, which is to be used in the encoding of the source data, in accordance with the determined ~~quality~~ rate of the source data.

5. (Currently Amended) The electronic apparatus according to claim 1, further comprising a plurality of input devices capable of inputting data,

wherein the rate ~~quality~~ determining means includes means for detecting the type of the source data by determining from which of the input devices the source data is input.

6. (Canceled).

7. (Currently Amended) The electronic apparatus according to claim 1, wherein:

the source data includes audio data,

the electronic apparatus further includes means for determining whether a device that transmits image data is connected to the wireless communication device via the wireless network, and

the rate ~~quality~~ determining means includes means for setting ~~determining~~, when the device that transmits image data is connected to the wireless communication device, the ~~quality with which~~ rate of the source data at a first rate which is lower than a given rate ~~is to be transmitted, such that transmission of the image data is executed with priority over transmission of the source data~~.

8. (Currently Amended) A program that is stored in a computer-readable medium and controls wireless communication for transmitting transmission data, which is generated by encoding source data, from a computer to an external device via a wireless network, comprising:

causing the computer to execute a process of detecting [[a]] the number of devices connected to the computer via the wireless network;

causing the computer to determine a ~~quality with~~ rate at which the source data is to be transmitted, on the basis of the detected number of devices and a type of the source data, wherein when the detected number is greater than a preset value, the rate is determined lower

than when the detected number is not greater than the preset value; and

causing the computer to execute a process of controlling an operation of the encoding to vary an amount of the generated transmission data on the basis of the determined ~~quality~~ rate of the source data.

9. (Currently Amended) The program according to claim 8, wherein said causing the computer to execute the process of controlling the operation of the encoding includes causing the computer to execute a process of determining a value of sampling frequency, which is to be used in the encoding process, in accordance with the determined ~~quality~~ rate of the source data.

10. (Currently Amended) The program according to claim 8, wherein said causing the computer to execute the process of controlling the operation of the encoding includes causing the computer to a process of determining a kind of an encoding scheme, which is to be used in the encoding process, in accordance with the determined ~~quality~~ rate of the source data.

11. (Currently Amended) The program according to claim 8, wherein said causing the computer to execute the process of controlling the operation of the encoding includes causing the computer to execute a process of determining a kind of an encoding scheme, which is to be used in the encoding process, and a value of

sampling frequency, which is to be used in the encoding process, in accordance with the determined ~~quality~~ rate of the source data.

12. (Currently Amended) The program according to claim 8, wherein said causing the computer to determine the ~~quality~~ rate includes causing the computer to execute a process of detecting the type of the source data by determining from which of a plurality of input devices of the computer the source data is input.

13. (Canceled).

14. (Currently Amended) The program according to claim 8, wherein:

the source data includes audio data,

the program further includes causing the computer to execute a process of determining whether a device that transmits image data is connected to the computer via the wireless network, and

said causing the computer to determine the ~~quality~~ rate includes causing the computer to execute a process of ~~determining~~ setting, when the device that transmits image data is connected to the wireless communication device, the ~~quality with which~~ rate of the source data at a first rate which is lower than a given rate ~~is to be transmitted, such that transmission of the image data is executed with priority over transmission of the source data~~.